

SHINSEI MARU KS-17-J04 Bathymetry (MBES)

Last Modified: 2021-04-15

ReadMe

Cruise ID: [KS-17-J04](#)

Bathymetry (MBES): Raw

Data Policy: [JAMSTEC](#)

Observation Items: Depth

Science Keywords:

OCEANS > BATHYMETRY/SEAFLOOR > BATHYMETRY
TOPOGRAPHY
SOLID EARTH > GEOMORPHOLOGY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KS-17-J04_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

Multi-narrow beam echo sounder for shallow-medium water



Instrument:

Multi-narrow beam echo sounder for deep water



Measurement System

	Multibeam echo sounder for shallow water (MBES-S)	Multibeam echo sounder for deep water (MBES-D)
Manufacturer:	Teledyne RESON	Elac
Type :	SeaBat7125SV2	SeaBeam3020
Frequency :	200kHz or 400kHz	20kHz
Swath angle:	Max 165°	Max 140°
Beam angle:	1.0° * 2.0°(200kHz), 0.5° * 1.0°(400kHz)	1° * 1°
Beam number:	256(200kHz), 512(400kHz)	301
Range:	0.5m - 450m	50m - 7,000m
Accuracy(Depth) :	Compliance with IHO S-44 over entire depth range	Compliance with IHO S-44 for depth greater than 100 metres

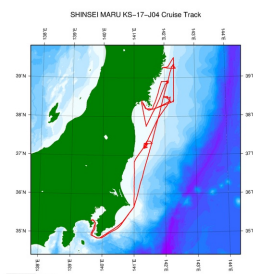
About this data

Only MBES-S data was collected in this cruise, but we have no plan to process the MBES-S data.

If you would like the raw data set, please contact us from "Contact Us" above.

Related Information

[Cruise Data](#) [Dive Data](#)



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KS-17-J04

Ship Name: SHINSEI MARU
Period: 2017-02-11 - 2017-02-27
Chief Scientist: Shinji Tsuchida (JAMSTEC)
Project Name: [Tohoku Ecosystem-Associated Marine Sciences (TEAMS)]
Proposal: Researches on marine ecosystem dynamics off Sanriku
Title:

Update History

2021-04-15 An observation data was registered.

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YOKOSUKA
MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

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KAIKO
SHINKAI 2000
SHINKAI 6500
DEEP TOW
HYPER-DOLPHIN
URASHIMA
YOKOSUKA DEEP TOW
6K Camera DEEP TOW
6K Sonar DEEP TOW
KM-ROV

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Dive ID:

POWER GRAB
SAMPLER (SHELL)
POWER GRAB
SAMPLER (CLOW)
BMS

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Measurement System

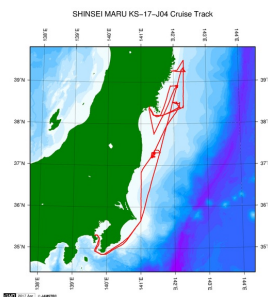
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Related Information

☒ Cruise Data ☐ Dive Data



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MIRAI
KAIREI
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KAIMEI
SHINSEI MARU
HAKUHO MARU

SHINKAI 6500
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6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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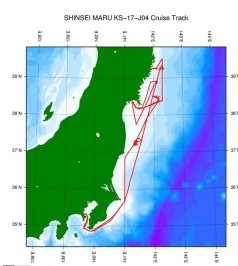
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